

VERTICALLY-ALLIGNED (VA) LIQUID CRYSTAL DISPLAY DEVICE

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ABSTRACT OF THE DISCLOSURE

10 A vertically alignment mode liquid crystal display  
device having an improved viewing angle characteristic is  
disclosed. The disclosed liquid crystal display device  
uses a liquid crystal having a negative anisotropic  
dielectric constant, and orientations of the liquid  
crystal are vertical to substrates when no voltage being  
applied, almost horizontal when a predetermined voltage  
15 is applied, and oblique when an intermediate voltage is  
applied. At least one of the substrates includes a  
structure as domain regulating means, and inclined  
surfaces of the structure operate as a trigger to  
regulate azimuths of the oblique orientations of the  
20 liquid crystal when the intermediate voltage is applied.